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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	1	of
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**Complete If Known**

Application Number	<del>UNKNOWN</del> 10/790,240
Filing Date	03/04/2004
First Named Inventor	RYOJI NINOMIYA
Art Unit	<del>UNKNOWN</del> 1745
Examiner Name	<del>UNKNOWN</del> J. MORALES
Attorney Docket Number	008312-0308562

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	1	JP 2002-240535	08/28/2002	TAKAGI et al.	Abstract	
	2	JP 4-172539	06/19/1992	NINOMIYA	Abstract	

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1448B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	UNKNOWN 10/723,240
				Filing Date	03/04/2004
				First Named Inventor	RYOJI NINOMIYA
				Art Unit	UNKNOWN
				Examiner Name	UNKNOWN
				Attorney Docket Number	008312-0308562

[illegible]

Examiner Signature		Date Considered	7-23-07
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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To: U.S. Department of Commerce  
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Patent and Trademark Office



Atty.  
Dkt. No.

C#/M#

Client Ref.

008312-0308562

T2TY-03S1159-1

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: RYOJI NINOMIYA et al.

Appln. No.: 10/790,240

Filing Date: March 2, 2004

Date: August 10, 2004

Page

1

of

1

Examiner: UNKNOWN

Group Art Unit: 1746

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
J	AR 2001/0052433 A1	12/2001	HARRIS et al.	-	-	-
J	BR 2002/0055029 A1	05/2002	HAYASHI et al.	-	-	-
J	CR 2003/0143447 A1	07/2003	AKIMOTO et al.	-	-	-
J	DR 4,968,566	11/1990	LESCHE et al.	-	-	-
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

## FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
	OR 2002 175827	06/2002	Japan	TAJIMA et al.	X			X
	PR 2003 303609	10/2003	Japan	SUDA	X			X
	QR 2004 111212	04/2004	Japan			X		X
	RR 1 308 038 A2	03/2003	Europe	BULLOCK et al.	X		X	
	SR							
	TR							
	UR							
	VR							
	WR							
	XR							

## OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

J	YR	European Search Report, dated June 29, 2004 for Patent Application No. 04004527.0-2119-	X		X	
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	BBR					
	CCR					

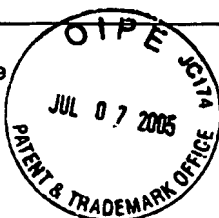
Examiner

Date Considered:

7-31-07

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Atty.  
Dkt. No.

M#

Client Ref.

008312-0308562

T2TY-03S1159-1

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: Ninomiya, Ryoji et al.

Appln. No.: 10/790,240

Filing Date: March 2, 2004

Date: July 7, 2005

Page 1 of 1

Examiner: Unassigned

Group Art Unit: 1746

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
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	ER					
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	IR					
	JR					
	KR					
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## FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY Y	Country	Inventor Name	English Abstract	Translation Readily Available
					Enclosed	No
	OR	JP 09-171842 A	06/1997	Japan	FUJIWARA et al.	x
	PR	JP 2003-323911 A	11/2003	Japan	SHIOTANI	x
	QR					
	RR					
	SR					
	TR					
	UR					
	VR					
	WR					
	XR					

## OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR	Japanese Office Action dated May 24, 2005 for Appln. No. 2003-057467
	ZR	
	AAR	
	BBR	

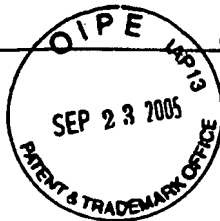
Examiner

Date Considered:

7-23-07

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FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PW FORM PAT-1449)  
Patent and Trademark Office



Atty. Dkt. No.	M#	Client Ref.
	008312-0308562	T2TY-03S1159-1

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: NINOMIYA, et al.	
Appln. No.: 10,790,240	
Filing Date: March 2, 2004	
Examiner: Unassigned	Group Art Unit: Unassigned

Date: September 23, 2005 Page 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
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**FOREIGN PATENT DOCUMENTS**

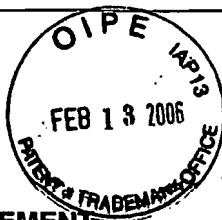
		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
J	OR	JP 9-223512	08/1997	Japan	ASANO	x			
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

J	YR	Japanese Office Action dated August 23, 2005 for Appln. No. 2003-057467							
	ZR								
	AAR								
	BBR								
	CCR								
	DDR								

Examiner John Date Considered: 9/23/07

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Atty.  
Dkt. No.

M#

Client Ref.

008312-0308562

T2TY-03S1159-1

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: NINOMIYA, et al.

Appln. No.: 10,790,240

Filing Date: March 2, 2004

Date: February 13, 2006

Page 1 of 1

Examiner: Unassigned

Group Art Unit: Unassigned

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
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	CR					
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	ER					
	FR					
	GR					
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	JR					
	KR					
	LR					
	MR					
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**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
J	OR	JP 03-250564	11/1991	Japan	Nakayama	x			
J	PR	JP 2002-246037	08/2002	Japan	Saito et al.	x			
J	QR	JP 2002-280035	09/2002	Japan	Shiotani	x			
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

**OTHER: (Including in this order: Author; Title; Periodical; Name; Date; Pertinent Pages; etc.)**

J	YR	Japanese Office Action dated January 17, 2006 for Appln. No. 2003-057467							
	ZR								
	AAR								

Examiner

*John*

Date Considered:

7-23-07

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